

Product datasheet for **RN209393**

Nup35 (NM_001004229) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nup35 (NM_001004229) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nup35
Synonyms:	MGC93680
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209393 representing NM_001004229 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCAGCGTTTTCGGTGGATCCCCAGGCGCCACGCTGGGATCTGAACCGATGATGTTGGGTTCACCTA
 CATCTCCAAAGCCAGGCGCTAATGCCAGTTCTTACCTGGATTTTAATGGGGGACCTACCAGCTCCAGT
 GACTCCACAACCTCGATCAATTAGCGGCCCTTCAGTAGGAGTAATGGAAATGAGGTCACCTTTACTTGCA
 GGGGGCTCACCACACAGCCAGTTGTACCTGCTCATAAAGATAAAAGTGGGGCTCCACCTGTTAGAAGTA
 TCTATGATGACATTTCCAGCCCAGGACTTGGATCAACACCTCTGCCTTCAAGAAGACAGGCAAACATTTTC
 CGTGTTGCAGAGTCCTCTTGTGGAGTTACAACCTCTGTGACTGGGCAAAGCATGTTTAGTCCAGCAAAT
 ATTGGTCAACCACGAAAGACGACACTGTCTCCTGCCCAACTGGATCCTTTTTATACTCAAGGAGATTCTC
 TGACTTCAGAAGATCACCTAGATGACACCTGGGTGACTGTGTTTGGGTTTCCACAAGCATCTGCTTCTTA
 TATATTATTACAGTTTGCACAATACGGGAATATCTTAAAGCACGTGATGTCTAACACAGGCAACTGGATG
 CATATTCGTTACCAGTCTAACTGCAAGCCCGGAAAGCCTTAAGCAAAGATGGGAGAATATTTGGAGAAT
 CCATCATGATTGGCGTCAAGCCGTGTATAGATAAAATGTCATGGAAAACAGTGACAGAGGAGTCTTGTC
 ATCTCCATCTCTAGCCTTTACACCACCGATTAGGACCTTAGGCACTCCAACACAGCCTGGAAGCACTCCT
 AGGGTTTCTACCATGAGGCCTCTTGCCACAGCATACAAGGCCTCCACTAGTGACTATCAGGTTATTTCTG
 ACCGACAAACACCAAAAAAGATGAAAGTCTTGTGTCCAGAGCAATGGAGTACATGTTTCGGTTGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001004229


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Insert Size:	978 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001004229.1 , NP_001004229.1
RefSeq Size:	1539 bp
RefSeq ORF:	978 bp
Locus ID:	295692
UniProt ID:	Q68FY1
Cytogenetics:	3q24
Gene Summary:	member of the nucleoporin superfamily; component of the nuclear pore complex (NPC), the cellular machinery responsible for all molecular transport into and out of the nucleus [RGD, Feb 2006]